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TECHNOLOGY CENTER 2800

Docket No.: 40532-P001M11P3

Commissioner For Patents  
Washington, D. C. 20231

Inventor(s): Peter D. Geiger, Manual J. Alvarez II, Thomas A. Dye  
Title: System And Method For Generating Optimally Compressed Data From A  
Plurality Of Data Compression / Decompression Engines Implementing  
Different Data Compression Algorithms  
Serial No.: 10/044,785 Filing Date: 1/11/02  
Examiner: Howard L. Williams Group Art Unit: 2819  
Winstead Docket No.: 40532-P001M11P3 (f/k/a 5143-03100)

Transmitted herewith are the following:

1. Return Receipt Postcard;
2. This Transmittal Letter (in duplicate);
3. 2 pages of Information Disclosure Statement Under 37 CFR § 1.97(c) With Fee (in duplicate);
4. 4 pages of PTO Form 1449;
5. Copies of cited references in PTO Form 1449 (A1-A97; B1-B4; C1-C3); and
6. Firm check in the amount of \$180.00.

I have enclosed a firm check in the amount of \$180.00. If the fee has been calculated incorrectly, the Commissioner is hereby authorized to charge any insufficiency of payment of the following fees associated with this communication, or credit any overpayment, to Deposit Account No. 23-2426 (40532-P001M11P3) in the name of Winstead Sechrest & Minick P.C. A **duplicate copy of this transmittal letter is enclosed.**



CERTIFICATION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence (along with any item referred to as being enclosed herewith) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on April 21, 2003.

*Michael Adams*

Signature

Respectfully submitted,

*Michael Adams*

Michael P. Adams  
Attorney for Applicant(s)  
Reg. No. 34,763

MPA:wk  
Enclosure(s)

AUSTIN\_1\211885\1  
40532-P001M11P3 04/21/2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
APR 25 2003  
TECHNOLOGY CENTER 2800

Applicant(s): Peter D. Geiger; Manuel J. Alvarez II; Thomas A. Dye  
Assignee: Interactive Silicon, Inc.  
Title: System And Method For Generating Optimally Compressed Data From  
A Plurality Of Data Compression / Decompression Engines  
Implementing Different Data Compression Algorithms  
Serial No.: 10/044,785 Filing Date: 1/11/02  
Examiner: Howard L. Williams Group Art Unit: 2819  
Docket No.: 40532-P001M11P3  
(f/k/a 5143-03100)

Dallas, Texas  
April 21, 2003

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(c) WITH FEE

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

These documents include documents that were cited in patent(s) and/or patent application(s) related to the present patent application.

04/24/2003 MELANCO

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I have enclosed a firm check in the amount of \$180.00. If the fee has been calculated incorrectly, the Commissioner is hereby authorized to charge any insufficiency of payment of the following fees associated with this communication, or credit any overpayment, to Deposit Account No. 23-2426 (P001M11P3) in the name of Winstead Sechrest & Minick P.C. A duplicate copy of this transmittal letter is enclosed.



Michael P. Adams  
Attorney for Applicant(s)  
Reg. No. 34,763

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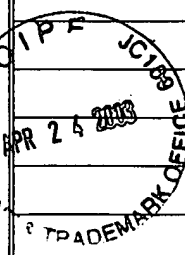
Signature

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40532-P001M11P3 04/21/2003

U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.		Serial No.	
					40532-P001M11P3		10/044,785	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)			
(Use several sheets if necessary)					Peter D. Geiger, et al.			
					Filing Date		Group	
					1/11/02		2819	
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	A1	5,640,529	6/97	Hasbun				
	A2	5,568,423	10/96	Jou et al.				
	A3	5,559,978	9/96	Spilo				
	A4	5,553,261	9/96	Hasbun				
	A5	5,504,842	4/96	Gentile				
	A6	5,465,338	11/95	Clay				
	A7	5,479,638	12/95	Assar				
	A8	5,477,264	12/95	Sarbadhikari et al.				
	A9	5,459,850	10/95	Clay et al.				
	A10	5,448,577	9/95	Wells et al.				
	A11	5,357,614	10/94	Pattisam et al.				
	A12	5,341,339	8/94	Wells				
	A13	5,337,275	8/94	Garner				
	A14	5,247,638	9/93	O'Brien et al.				
	A15	5,237,675	8/93	Hannon Jr.				
	A16	5,696,912	12/97	Bicevskis et al.				
	A17	5,584,008	12/96	Shimada et al.				
	A18	5,548,742	8/96	Wang et al.				
	A19	5,353,425	10/94	Malamy et al.				
	A20	4,688,108	8/87	Cotton et al.				
	A21	5,828,877	10/98	Pearce et al.				
	A22	5,812,817	9/98	Hovis et al.				
	A23	5,563,595	10/8/96	Strohacker				
	A24	5,455,577	10/95	Slivka et al.				
	A25	5,420,696	5/95	Wegeng et al.				
	A26	5,247,646	9/93	Osterlund et al.				
	A27	5,237,460	8/93	Miller et al.				
	A28	4,008,460	2/77	Bryant et al.				
	A29	5,606,428	2/97	Hanselman				
	A30	5,396,343	3/95	Hanselman				



A31	4,881,075	11/89	Weng			
A32	5,379,036	1/3/95	Storer			
A33	4,876,541	10/24/89	Storer			
A34	5,973,630	10/26/99	Heath			
A35	5,956,372	9/21/99	Vaman et al.			
A36	5,729,228	3/17/98	Franaszek et al.			
A37	5,412,429	5/2/95	Glover			
A38	5,526,363	6/11/96	Weiss et al.			
A39	5,126,739	6/30/92	Whiting et al.			
A40	5,003,307	3/26/91	Whiting et al.			
A41	5,016,009	5/14/91	Whiting et al.			
A42	5,414,425	5/9/95	Whiting et al.			
A43	5,532,694	7/2/96	Mayers et al.			
A44	5,506,580	4/9/96	Whiting et al.			
A45	5,463,390	10/31/95	Whiting et al.			
A46	5,414,850	5/9/95	Whiting			
A47	5,146,221	9/8/92	Whiting et al.			
A48	5,936,560	8/10/99	Higuchi			
A49	5,945,933	8/31/99	Kalkstein			
A50	5,933,104	8/3/99	Kimura			
A51	5,883,588	3/16/99	Okamura			
A52	5,877,711	3/2/99	Craft			
A53	5,874,908	2/23/99	Craft			
A54	5,798,718	8/25/98	Hadady			
A55	5,621,403	4/15/97	Reznik			
A56	5,577,248	9/19/96	Chambers IV			
A57	5,572,206	11/5/96	Miller et al.			
A58	5,532,693	7/2/96	Winters et al.			
A59	5,485,526	1/16/96	Tobin			
A60	5,455,943	10/3/95	Chambers IV			
A61	5,426,779	6/20/95	Chambers IV			
A62	5,406,279	4/11/95	Anderson et al.			
A63	5,406,278	4/11/95	Graybill et al.			
A64	5,371,499	12/6/94	Graybill et al.			
A65	5,353,024	10/4/94	Graybill			
A66	5,155,484	10/13/92	Chambers IV			
A67	5,150,430	9/22/92	Chu			
A68	5,467,087	11/95	Chu			
A69	5,510,840	4/96	Yonemitsu et al.			



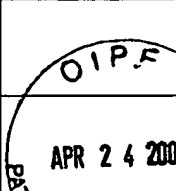
	A70	5,627,995	5/97	Miller et al.			
	A71	5,836,003	11/98	Sadeh			
	A72	5,838,334	11/98	Dye			
	A73	6,173,381	1/9/01	Dye			
	A74	6,170,047	1/2/01	Dye			
	A75	6,002,411	12/14/99	Dye			
	A76	5,394,534	1/95	Kulakowski			
	A77	6,304,197 B1	10/16/01	Freking et al.			
	A78	5,608,396	3/4/97	Cheng et al.			
	A79	5,471,206	11/28/95	Allen et al.			
	A80	5,424,733	6/13/95	Fimoff et al.			
	A81	5,109,226	4/28/92	MacLean Jr. et al.			
	A82	5,389,922	2/14/95	Seroussi et al.			
	A83	2001/0031092 A1	10/18/01	Zeck et al.			
	A84	6,008,743	12/28/99	Jacquette			
	A85	4,558,302	12/10/85	Welch			
	A86	6,145,069	11/7/00	Dye			
	A87	09/239,659	1/29/99	Dye et al.			
	A88	6,523,102 B1	2/18/03	Dye et al.			
	A89	09/491,343	1/26/00	Dye et al.			
	A90	6,208,273 B1	3/27/01	Dye et al.			
	A91	09/818,283	3/27/01	Dye et al.			
	A92	09/821,785	3/28/01	Dye et al.			
	A93	09/915,751	7/26/01	Dye et al.			
	A94	60/307,964	7/26/01	Dye et al.			
	A95	60/250,177	11/29/00	Dye et al.			
	A96	10/205,590	7/25/02	Dye et al.			
	A97	10/044,786	1/11/02	Dye et al.			

## Foreign Patent Documents

		Document	Date	Country	Class	Subclass	Translation	
							Yes	No
	B1	0 702 457	3/96	EP				
	B2	95/19662	7/95	WO				
	B3	92/17844	10/15/92	WO				
	B4	95/18997	7/13/95	WO				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	Brenza, "Synonym Avoidance Cache," IBM Technical Disclosure Bulletin, Vol. 34, No. 1, June 1991, pp. 377-381.
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	C2.	Y. Yabe et al.; "Compression/Decompression DRAM for United Memory Systems: a 16Mb, 200MHz, 90% to 50% Graphics-Bandwidth Reduction Prototype"; Solid-State Circuits Conf., 1998; Digest of Technical Papers; 1998 IEEE Int'l; San Francisco, CA, USA; 5-7 Feb. 1998; NY, NY, USA; IEEE; US; 5 February, 1998 (1998-02-05); pp. 342-343; XP010278670; ISBN 0-7803-4344-1.
		M. Kjelso et al.; "Performance evaluation of computer architectures with main memory data compression"; Journal of Systems Architecture; Elsevier Science Publishers Bv.; Amsterdam, NL; Vol. 45, No. 8; February 1999 (1999-02); pgs. 571-590; XO004153056; ISSN: 1383-7621; pg. 574, left-hand column, paragraph 4; pg. 580, left-hand column, paragraph 2.
Examiner	Date Considered	
<p>*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>		

AUSTIN\_1\211883\1  
40532-P001M11P3 04/18/2003